EPSON®

DIGITAL CAMERA

L-500V

Reference Guide

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Introduction

Your new Epson® L-500V is a compact digital camera that lets you capture all the special moments in your life and print high-quality photos without a computer. Its features include:

- ❏ 5.0 megapixel resolution, for clear, beautiful photos
- ❏ 3x optical zoom and 4x digital zoom
- ❏ 2.5-inch LCD screen using Epson's exclusive Photo Fine™ technology for crystal-clear previews and playback
- ❏ 16MB Secure Digital (SD™) memory card
- ❏ Rechargeable lithium ion battery and charger
- ❏ Continuous shooting mode that lets you take up to three photos per second
- ❏ Direct printing to supported Epson Stylus® Photo and PictureMate™ printers
- ❏ Epson PRINT Image Framer® (P.I.F.™) for adding fun frames to your photos—without a computer
- ❏ PRINT Image Matching® II technology, so you can get the best possible prints

Safety Instructions

Read all of these instructions before using the camera, and keep this guide handy for later reference. Follow all warnings and instructions marked on the camera and the options.

Warnings, Cautions, and Notes

Warnings *must be followed carefully to avoid bodily injury.*

Cautions *must be observed to avoid damage to your equipment.*

Notes *contain important information and useful tips on the operation of your product.*

Using the Camera

- ❏ Do not expose the camera to severe impact. Doing so may cause malfunctions, especially while the camera is operating.
- ❏ Follow all warnings and instructions marked on this product.
- ❏ Do not insert objects into the slots or openings on this product.
- ❏ Do not touch the components inside this product unless instructed to do so in the user documentation. Never force this product's components into place. Although this product is designed to be sturdy, rough handling can damage it.
- ❏ Never spill liquid onto this product.

- ❏ If this product emits unusual noises, odors, or smoke, cancel the current operation and turn it off immediately. Remove the batteries and disconnect the AC adapter from the product, then unplug the AC adapter from the power outlet.
- ❏ To prevent fire or electric shock, do not cover this product with a blanket or other covering that may give off a static electric shock.
- ❏ To prevent fire or electric shock, do not expose this product or its options to rain or moisture.
- ❏ To prevent fire or explosion, do not use this product where flammable or volatile gas is stored.
- ❏ Do not use this product outdoors during a thunderstorm.
- ❏ Do not use this product after moving it between extreme temperatures, which may cause condensation to form on electronic parts.
- ❏ Use only the recommended AC adapter (B867062) for this product.
- ❏ Use only the specified battery (B32B818242) for this product.
- ❏ When connecting the camera to a computer or other device with a cable, ensure the correct orientation of the connectors. Inserting a cable in the wrong orientation may damage both devices connected by the cable.

Using the Battery

- ❏ If battery acid gets into your eyes or on your skin, immediately rinse the affected area thoroughly with water and seek medical treatment.
- ❏ Do not modify, disassemble, or solder the battery.

- ❏ Do not use the battery that comes with the L-500V camera for other devices.
- ❏ Do not expose the battery to heat, fire, or water.
- ❏ Do not drop, puncture, or impact the battery.
- ❏ Keep the battery out of the reach of children.
- ❏ Prevent the battery from coming into contact with metal objects that could short-circuit it, such as coins or keys.
- ❏ Do not place the battery in a high-pressure container or microwave.
- ❏ If overheating, discoloration, distortion, a strange smell, or other abnormal situation occurs, remove the battery from the camera or charger and do not use it.
- ❏ Do not insert the battery into power outlets or other power sources such as a car cigarette lighter adapter.
- ❏ Do not charge the battery on a device other than the included battery charger.
- ❏ If charging hasn't finished after the normal charging time, stop charging.

Storing the Battery

- ❏ When not using the camera or charger for a long period, remove the battery and store it in the battery case.
- ❏ Do not store the battery where the temperature or humidity is very high.
- ❏ Store the battery out of the reach of children.

Disposing of the Battery

WARNING:
Be sure to completely cover the ends of the battery with tape to prevent combustion or explosion when disposing of it.

- ❏ Before disposing of the battery, discharge it completely.
- ❏ Dispose of used batteries according to the manufacturer's instructions and in compliance with all applicable laws. Contact your local government agency for information about battery recycling and disposal.

Using the Battery Charger

WARNING:
Read all relevant safety and operating instructions before using the battery charger, as misuse could result in personal injury from fire, explosion, leakage, overheating, or electric shock.

- ❏ Use only Epson battery charger model 2090821-00 provided to charge Epson Lithium ion battery model B32B818242. Never attempt to charge other types of batteries in this charger as they may explode, leak, overheat, or cause personal injury.
- ❏ Beware of electrical shock hazards.
- ❏ Do not use the battery charger near water or handle it with wet hands.
- ❏ Keep the charger away from heat sources. Do not use the charger outside the temperature range of 32 °F to 104 °F (0 °C to 40 °C).

- ❏ Do not insert objects into any openings on the charger as they may touch dangerous voltage points or short out parts.
- ❏ Never disassemble or modify the charger.
- ❏ Use the charger indoors only, in a dry location. Do not expose the charger to water or excess humidity.
- ❏ Use only the type of power source indicated on the label and always supply power directly from a standard domestic electrical outlet. Do not place multiple loads on the electrical outlet.
- ❏ Be sure your AC power cord meets the relevant local safety standards.
- ❏ Never insert or disconnect the power plug with wet hands.
- ❏ Power supply cords should be protected from abrasion, cuts, crimping and kinking. Be sure to place the cord to avoid any damage. Do not place objects on top of the power cord or allow the power cord to be stepped on or run over. You should take special care to try to keep the power cord straight at the ends and at the points where it enters and leaves the transformer.
- ❏ Do not allow the AC power cord to become damaged or frayed.
- ❏ Unplug your equipment from the electrical outlet and refer servicing to qualified personnel under the following conditions:
  If the power cord or plug is damaged; if liquid has entered your equipment; if your equipment has been exposed to rain or water; if your equipment has been dropped or damaged; if your equipment is operating abnormally or exhibits a distinct change in performance. Adjust only those controls described in your product documentation.
- ❏ Never attempt to repair this product yourself.

- ❏ Unplug this product from the wall outlet before cleaning.
- ❏ Clean only with a clean, soft dry cloth.
- ❏ Do not use liquid or aerosol cleaners.
- ❏ Keep the charger out of reach of children.
- ❏ This product is designed for use with Epson products only. Do not attempt to use it with other electronic devices.

Using the Memory Card

- ❏ Use only memory cards designed for the product's specifications.
- ❏ Methods for using memory cards vary according to card type. Refer to the memory card documentation for details.
- ❏ Turn off the camera before installing/removing the memory card.

Using the LCD Screen

- ❏ The LCD screen on this product may contain a few small bright or dark spots. These are normal and do not mean that your LCD screen is damaged in any way.
- ❏ If the LCD screen is damaged, consult your dealer.
- ❏ If the liquid crystal solution contained in the LCD screen on this product leaks out and gets onto your hands, wash them thoroughly with soap and water. If it gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.

❏ Only use a soft, dry cloth to clean the display. Do not use liquid or chemical cleaners.

Storing, Maintaining, or Transporting the Camera

❏ Do not store this product outdoors, near water, or in a location subject to high temperature or humidity, rapid changes in temperature or humidity, direct sunlight, or strong light sources.

❏ Unplug this product from the power outlet before cleaning it. Use a damp cloth and do not use liquid or aerosol cleaners.

❏ Remove the battery, unplug this product, and refer servicing to qualified service personnel under the following conditions: The power cord or plug is damaged; liquid has entered this product or its options; this product or its options have been dropped or the case is damaged; this product or its options do not operate normally or exhibit a distinct change in performance.

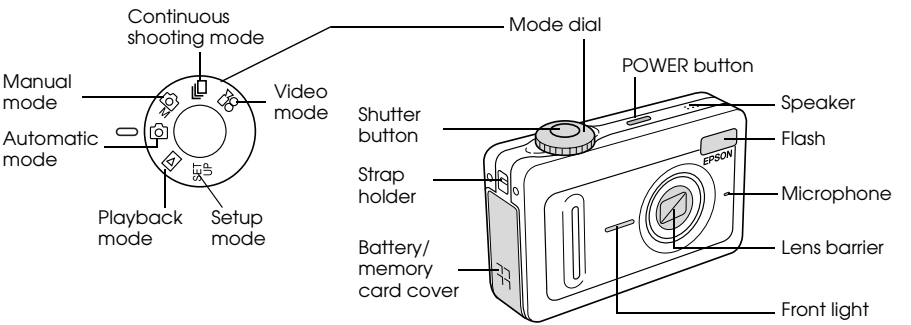
WARNING:
Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. ***Wash hands after handling.***

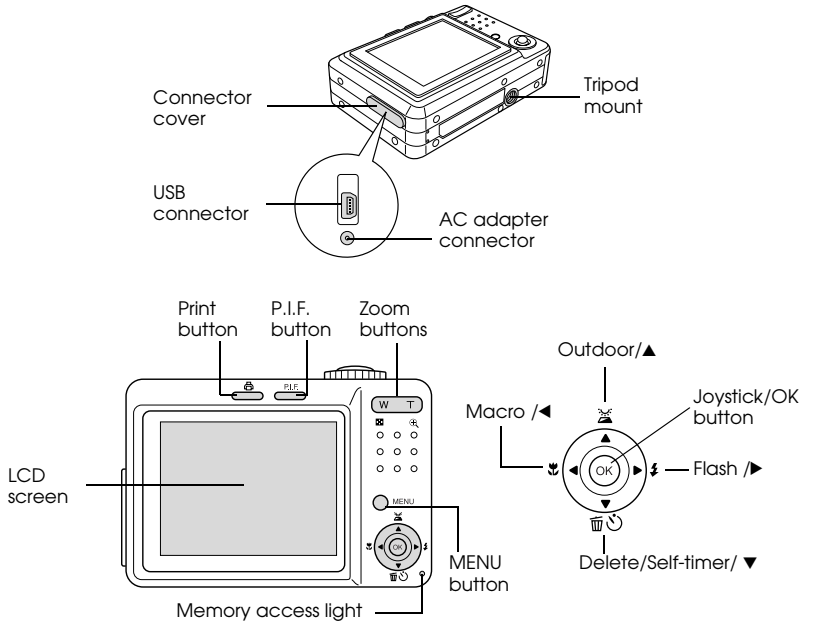
Chapter 1

Getting Started

This chapter describes the parts of the camera, and tells you how to charge and replace the battery, remove the memory card, turn the camera on and off, change the language, date, and time settings, and use the optional AC adapter.

Camera Parts and Their Functions




Connector cover
Tripod mount
USB connector
AC adapter connector
Print button
P.I.F. button
Zoom buttons
LCD screen
MENU button
Memory access light
Outdoor/▲
Macro /◀
Joystick/OK button
Flash /▶
Delete/Self-timer/ ▼

Camera buttons

Name	Function
Mode dial	Switch camera modes by turning this dial.
Shutter button	Take a photo.
Print button	Print photos using the direct print feature.
P.I.F. button	Select P.I.F. frames for printing with photos.
POWER button	Turn the camera on or off.
Zoom buttons	Press the **W** button to zoom out (wide angle). Press the **T** button to zoom in (telephoto).
MENU button	Display or cancel the menus (not available in automatic mode).
▲	Move joystick here to select menu items or turn on Outdoor mode to more easily view the LCD screen in bright light.
▶	Move joystick here to select menu items or set the flash when taking pictures.
◀	Move joystick here to select menu items or select macro mode when taking pictures.
▼	Move joystick here to select menu items, delete a photo in playback mode, or set the self-timer when taking pictures.
Joystick/**OK** button	Move in direction of arrows/icons to perform actions described above. Press to confirm the currently selected setting or menu item.

Camera lights

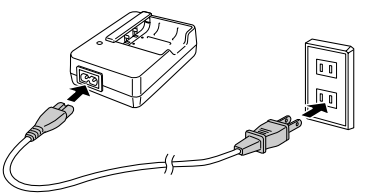
Name	Function
Self-timer/USB light	Flashes blue when the camera is connected to a computer or printer or when taking a photo with the self-timer.
Memory access light	Turns orange when accessing a memory card.

Charging the Battery

Be sure to charge the battery before you use it the first time or if you haven't used it for a long time. Charging takes about two hours.

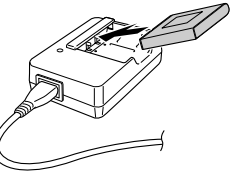
As the battery loses power, the icon that appears when you turn on the camera changes from to . When is flashing, battery power is low and you can no longer take photos. When the red light flashes and the camera automatically shuts off, you need to replace the battery.

1. Connect the small end of the battery charger power cable to the charger, then plug the power cable into an electrical outlet.



2. Place the battery into the charger. The charge light comes on red. If it doesn't come on, reinstall the battery in the charger.

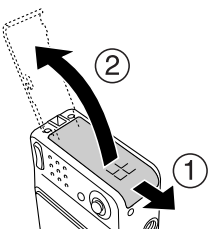
3. When the charge light turns green, the battery is fully charged. Remove the battery and unplug the charger from the outlet.



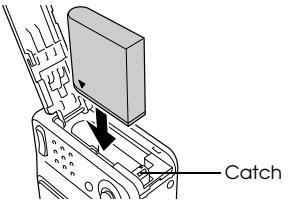
Replacing the Battery

If you need to replace the camera's battery, use only an Epson lithium ion battery, part number B32B818242. Be sure to charge the new battery as described above before installing it.

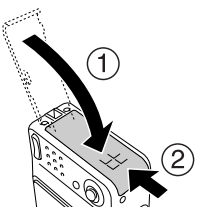
1. Turn the camera on its left side.
2. Slide the battery cover until it pops up as shown:



3. Release the white battery catch to remove the old battery. Then insert the new battery into the compartment, positioning it as shown, with the arrow facing down. Press it down until it clicks into place.



4. Press down on the battery cover and slide it back into place.



Warning:
Do not carry the battery in your pocket. If the contacts on the battery touch any metal objects, the battery may heat up and possibly injure you.

Installing and Removing Memory Cards

Your camera comes with a 16MB SD™ (Secure Digital) memory card. You can use either of the following types of cards:

- ❏ SD card (Secure Digital) up to 1GB
- ❏ MM card (Multimedia,® MMC V 2.1 or later) up to 1GB

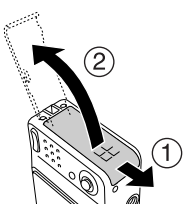
Note:
Your camera won't store photos and some of its buttons won't operate without a memory card correctly installed.

Caution:

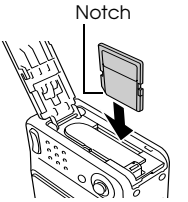
- ❏ *Don't use or store memory cards in direct sunlight, or in places that are extremely hot, humid, or dusty.*
- ❏ *Turn off your camera before installing or removing the memory card.*
- ❏ *Make sure you insert the card in the correct orientation, or you may damage the camera and card.*

Installing a Memory Card

1. Make sure the camera is turned off.
2. Slide the battery cover until it pops up.



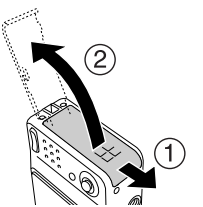
3. Position the card as shown and slide it all the way into the slot:



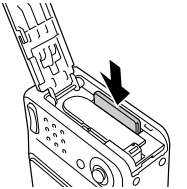
4. Press down on the battery cover and slide it back into place.

Removing a Memory Card

1. Make sure the camera is turned off.
2. Slide the battery cover until it pops up.



3. Push in the memory card to release it. The card pops out.



4. Pull out the memory card.
5. Press down on the battery cover and slide it back into place.

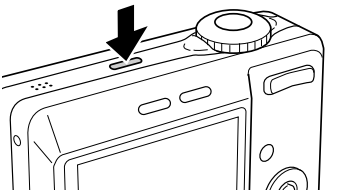
Note:

You can protect the data in the memory card by sliding the lock lever on the side of the card. This prevents you from deleting or storing additional photos on the card.

Turning Your Camera On and Off

To turn on the camera, press the **POWER** button on the top. The LCD screen turns on. If the camera is set to a shooting mode, the lens cover opens and the lens pops out.

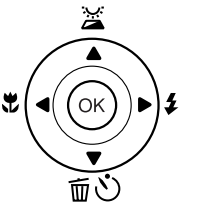
To turn off the camera, press the **POWER** button. The lens retracts, the lens cover closes, and the LCD screen turns off as necessary.



The LCD screen may turn off to save battery power. Press any button to turn the screen back on. If the camera is idle for more than three minutes, the power shuts off. Press the **POWER** button to turn it back on.

You can change the power save timing if you want. See "Adjusting Camera Settings" on page 46 for more information.

Changing the Language, Date, and Time Settings



1. Turn on the camera.
2. Turn the Mode dial to **SETUP**.
3. Move the joystick to ▶ to select Setup Menu 2.
4. Move the joystick to ▼ to select **Date/Time**, then move it to ▶.
5. Move the joystick to ◀ or ▶ to select the date format, date, or time setting you want to change.
6. Move the joystick to ▲ or ▼ to change the setting.
7. Repeat steps 5 and 6 to select and set any other settings.
8. Press the **OK** button.
9. Move the joystick to ▼ to select **Language**, then move it to ▶.
10. Move the joystick to ▲, ▼, ◀, or ▶ to select a language, then press the **OK** button.

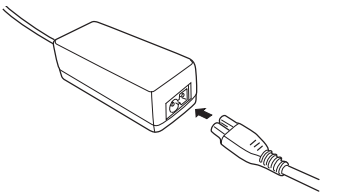
Note:

You can change these and other settings later from the Setup Menu. For details, see "Adjusting Camera Settings" on page 46.

Using the Optional AC Adapter

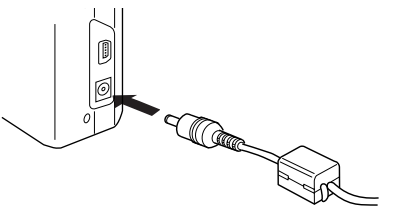
Note:
Read any instructions provided with the AC adapter before using it.

1. Connect the adapter's AC power cable connector firmly into the adapter's AC inlet.



2. Open the connector cover on the left side of the camera and plug the adapter cable into the **DC IN** port.

3. Plug the AC adapter into an electrical outlet.



Caution:
Do not use the adapter for any device other than your Epson L-500V camera.

Chapter 2

Taking Photos and Videos

Your camera has several modes for taking pictures. Turn the dial on top of the camera to choose the mode you want to use.

- **Automatic mode**
  Camera settings are automatically adjusted to give you the best shot. All you have to do is press the shutter button.
- **Manual mode**
  You can adjust a variety of camera settings, including resolution, exposure compensation, sensitivity, white balance, and more.
- **Continuous shooting mode**
  You can capture a series of shots, up to 3 photos per second. (For details, see "Continuous Shooting" on page 39.)
- **Video mode**
  You can record videos with sound. (For details, see "Recording Videos" on page 43).

You can also take photos with fun frames for holidays and special occasions. See "Taking Photos With Frames" on page 57 for instructions.

When you're ready to view your photos or videos on the LCD screen, see "Viewing and Managing Your Photos" on page 49.

Taking Photos

You can take photos while viewing the subject on the LCD screen in either automatic or manual modes.

1. Turn the Mode dial to automatic or M manual mode.
2. Center your subject in the middle of the square focus frame on the LCD screen.
3. Press and hold the shutter button halfway down. The focus frame turns green and the focus is set. If you want to reframe your picture, move the camera until the photo you want appears on the screen.
4. Press the shutter button all the way down. The camera beeps as it captures the image.
   If you want to turn off or change the beep sound, see "Adjusting Camera Settings" on page 46.

Note:
The LCD screen may turn off to save battery power after you take a picture. Press any button or turn the Mode dial to turn the screen back on.

Zooming In and Out

For most photos you must stand at least 20 inches (50 cm) away from your subject. (For close-up shooting, you can use the macro setting; see "Taking Close-ups With Macro Mode" on page 30.) You can use both optical and digital zoom to capture a closer view of your subject.

Optical zoom

- ❏ To zoom in on your subject, press the T (telephoto) button.
- ❏ To zoom out, press the W (wide-angle) button.

Digital zoom

The digital zoom feature lets you move in even closer to your subject. First, you need to enable digital zoom on Setup Menu 1. For instructions, see "Adjusting Camera Settings" on page 46.

Note:

Photos taken using digital zoom have reduced resolution and are best used for e-mailing or posting on the web. For best results, turn on the flash when taking photos zoomed to the maximum digital zoom setting.

1. To use digital zoom, press and hold the T button to maximize the optical zoom.
2. Release the button, then press it again. The digital zoom indicator appears on the right side of the zoom bar at the bottom of the screen.
3. Press the T or W button as necessary to zoom in or out.

Controlling the Flash

You can change the flash setting by moving the joystick to ▶ (flash). The flash mode changes each time you move the joystick to ▶.

	Auto-flash (default setting)	The camera detects the brightness automatically and sets off the flash if necessary. In a dark setting, the flash is used automatically.
	Flash off	Turns off the flash even in dark settings.
	Auto red-eye reduction	Use this setting when photographing people with the flash at night or indoors. The flash will go off once and will go off again when the photo is taken. This will help to reduce the red-eye effect.
	Fill-in flash (manual mode only)	The flash will go off for every shot. Use this setting when the background is bright or when you are shooting against the sun.
	Slow synchro (manual mode only)	The flash is combined with a slow shutter speed. This allows you to take an action photo with a blurred background.

Flash range

The flash range varies depending on the sensitivity setting (ISO Speed). For details, see page 41.

ISO Speed (sensitivity)	Wide angle	Telephoto
100	2.3 to 8.5 feet (0.7 to 2.6 m)	1.6 to 4.9 feet (0.5 to 1.5 m)
200	3.3 to 12.1 feet (1.0 to 3.7 m)	1.9 to 6.9 feet (0.6 to 2.1 m)
400	4.6 to 17.1 feet (1.4 to 5.2 m)	2.6 to 9.9 feet (0.8 to 3.0 m)

Taking Close-ups With Macro Mode

Macro mode allows you to focus on subjects between 2 and 19.6 inches (5 and 50 cm) away from the camera. Use of the flash is not recommended for macro close-ups, so make sure you have adequate lighting. For best results, use a tripod when shooting in macro mode.

1. Turn the Mode dial to automatic or M manual mode.
2. Move the joystick to ◀ to switch to macro mode.
3. Center your subject in the middle of the square focus frame on the LCD screen.
4. Press and hold the shutter button halfway down. The focus frame turns green and the focus is set. If you want to reframe your picture, move the camera until the photo you want appears on the LCD screen.
5. Press the shutter button all the way down. The camera beeps as it captures the image.

Taking Pictures With the Self-Timer

You can use the self-timer to create a delay between the time you press the shutter and the actual image capture. This allows you to take a picture of yourself.

1. Secure the camera on a flat surface or on a tripod.
2. Turn the Mode dial to automatic, M manual, or continuous shooting mode.
3. Move the joystick to ▼. The self-timer icon is displayed on the LCD screen.
4. Center the image and press the shutter button all the way down. The countdown starts, and 10 seconds later the shutter releases automatically. The blue light on the front of the camera flashes as the camera counts down the seconds.

Note:

In manual or continuous shooting mode, you can switch the timer from 10 seconds to 2 seconds. In step 3 above, move the joystick to ▼ twice to switch the timer to 2 seconds.

Selecting the Scene Mode

In addition to the normal mode for taking pictures, special scene modes are pre-programmed in the camera to give you the best image capture settings for portraits, landscapes, and night shots:

- **Landscape mode**
  This mode is best for capturing landscapes more clearly. The flash is turned off automatically, but you can turn it on if necessary. In low light, the shutter speed is slower so you can take scenes at dusk. For best results, use a tripod with this scene mode.
- **Portrait mode**
  The depth of field is reduced to 3 to 10 feet (1 to 3 m). When you use the fill-in flash in dark settings, the slow synchro shutter feature is enabled, allowing you to take shots with a brighter background. For best results, use a tripod with this scene mode.
- **Normal mode**
  This mode is best for most shooting. The flash works automatically based on the available light on the subject. The shutter speed is also selected to minimize blurring.
- **Night View mode**
  This mode is best for shooting night scenes. The flash is turned off automatically, but you can turn it on if necessary. For best results, use a tripod with this scene mode.
- **Night Portrait mode**
  This mode is best for shooting portraits in the dark. The flash is set to Slow Synchro automatically, but you can change the setting if necessary. For best results, use a tripod with this scene mode.

You can use the self-timer, zoom, and other settings with these scene modes, but you can't use the Macro setting.

Note:

The use of a tripod is recommended to prevent blurring in both Landscape and Portrait modes.

To select the Scene Mode, you need to use manual mode and the Photography Menu as described below.

1. Turn the Mode dial to 📷M manual mode.
2. Press the **MENU** button. The Photography Menu is displayed.
3. Select **Scene Mode** by moving the joystick to ▲ or ▼, then move it to ▶.
4. Select the desired scene mode by moving the joystick to ▲ or ▼, then press the **OK** button.
5. Press the **MENU** button to exit the menu.

Selecting the Resolution and Quality Level

You can adjust the resolution and quality settings to increase or decrease the resolution and compression of your photos. Decreasing the resolution and/or quality level makes your image files smaller and allows you to take more pictures. However, the quality will be reduced when you print enlargements.

In automatic mode, resolution is set to 2560 × 1920. If you want to change the resolution and quality level, you need to switch to manual mode and use the Photography Menu as described below.

1. Turn the Mode dial to M manual mode.
2. Press the **MENU** button. The Photography Menu is displayed.
3. Select **Resolution** moving the joystick to ▲ or ▼, then move it to ▶.
4. Move the joystick to ▲ or ▼ to select the desired resolution according to the table below. Then press the **OK** button.
5. Select **Quality** moving the joystick to ▲ or ▼, then press the **OK** button.
6. Move the joystick to ▲ or ▼ to select the desired quality according to the table below. Then press the **OK** button.
7. Press the **MENU** button to exit the menu.

The resolution and quality settings determine the number of photos you can take, as shown in the table below.

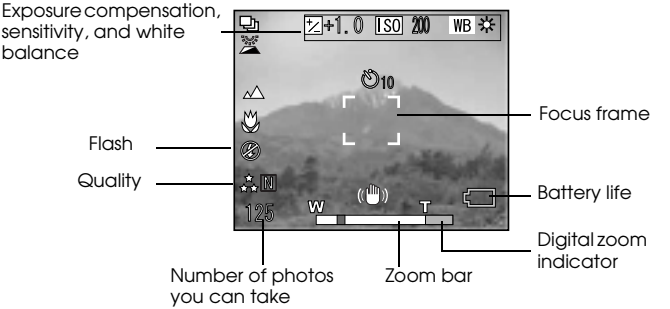
Note:

The total number of photos varies according to the quality, compression, amount of memory left on the memory card, and the shooting conditions.

Resolution	Quality	No. of photos with a 16MB SD memory card	No. of photos with a 128MB SD memory card
2560 × 1920	Fine	7	75
	Normal	13	126
	Economy	20	188
1600 × 1200	Fine	21	193
	Normal	34	310
	Economy	51	458
640 × 480	Fine	111	975
	Normal	178	1562
	Economy	223	1953

Reading the LCD Screen Icons

You can confirm the status of the camera settings by the icons displayed on the LCD screen.



Note:

You can turn off display of the camera settings or select the amount of information displayed. See page 38 to turn it off or page 51 to select the amount of detail displayed.

Settings and Icons

Self-timer	(2 seconds), (10 seconds)
Outdoor mode	If you have trouble seeing the LCD screen in bright sunlight, you can turn on outdoor mode to make viewing easier. Move the joystick to ▲ to turn outdoor mode on or off.
Focus frame	Place your subject within the focus frame.
Battery life	Full, Half, Empty
Zoom bar	The zoom bar appears when you press the **W** or **T** button. The digital zoom indicator on the right side of the zoom bar appears when digital zoom is enabled.
Scene mode	Landscape, Portrait, Night View, Night Portrait, Normal
Resolution	2560 × 1920, 1600 × 1200, 640 × 480
Quality	F Fine, N Normal, E Economy
Exposure compensation	(+2.0 to -2.0)
ISO Speed (sensitivity)	ISO (Auto, 100, 200, 400)

White balance	WB (Auto, Daylight, Cloudy, Incandescent, Fluorescent, Mercury)
Macro mode	Macro
Flash	Auto-flash, Flash off, Auto red-eye reduction, Fill-in flash, Slow synchro
Shooting mode	Continuous shooting mode, Video mode
Photos left	125 (for example)
Warning	Camera shake (appears when camera shakes or shutter speed is 1/30 or slower; use a tripod)

Turning Off the Information Display

If you don't want to see information displayed on the LCD screen, you can turn it off.

1. Turn the Mode dial to M manual or continuous shooting mode.
2. Press the **MENU** button. The Photography Menu is displayed
3. Move the joystick to ▼ to select **Info Disp**, then move it to ▶.
4. Move the joystick to ▼ to select Off and press the OK button.
5. Press the **MENU** button to exit the menu.

Continuous Shooting

In Continuous Shooting mode, you can capture a series of photos by holding the shutter button down. You can take up to three photos per second at maximum speed.

Note:

To shoot at the maximum speed, you need an SD memory card with a recording/transfer speed of 10MB per second.

Use of the flash is not recommended with continuous shooting, so make sure you have adequate lighting.

1. Turn the Mode dial to continuous shooting.
2. If you want to adjust the resolution or other settings, press the **MENU** button. See page 34 for a list of available settings.
3. Make sure you are at least 20 inches (50 cm) away from your subject.
   - ❏ To zoom in on your subject, press the **T** (telephoto) button. To zoom in more, release the button and press it again.
   - ❏ To zoom out, press the **W** (wide-angle) button. To zoom out more, release the button and press it again.
4. Center your subject in the middle of the square focus frame on the LCD screen.
5. Press and hold the shutter button halfway. The focus frame turns green and the focus is set.
6. Press the shutter button all the way down. While you hold the shutter button down, photos are taken continuously. Release it to stop shooting.

Setting the White Balance

The camera senses the light source and automatically adjusts the white balance to ensure color accuracy in any lighting situation.

You can adjust the white balance manually to achieve truer colors under the following lighting conditions: daylight, cloudy, incandescent, fluorescent, and mercury.

1. Turn the Mode dial to M manual or continuous shooting mode.
2. Press the **MENU** button. The Photography Menu is displayed.
3. Select **White Bal** by moving the joystick to ▲ or ▼, then move it to ▶.
4. Select the desired setting from **Daylight**, **Cloudy**, **Incandescent**, **Fluorescent**, and **Mercury** by moving the joystick to ▲ or ▼. Then press the **OK** button.
5. Press the **MENU** button to exit the menu.

Setting the Light Sensitivity

You can use the camera's high sensitivity settings to take pictures indoors or in low-light situations without a flash. You can also capture fast-moving subjects with higher sensitivity settings.

The camera's default setting is Auto, which is best for most picture taking. Set the light sensitivity manually in low-light conditions or when you expect blurring problems from camera motion. Use of a tripod is recommended with high sensitivity settings.

1. Turn the Mode dial to M manual or continuous shooting mode.
2. Press the **MENU** button. The Photography Menu is displayed.
3. Select **ISO Speed** by moving the joystick to ▲ or ▼, then move it to ▶.
4. Select the desired sensitivity from **Auto**, **100**, **200**, and **400** by moving the joystick to ▲ or ▼. Then press the **OK** button.
5. Press the **MENU** button to exit the menu.

Setting the Exposure Compensation

You can adjust the exposure to help control how much light falls on the camera's CCD (light sensor). This influences the brightness of the entire image.

Your camera normally adjusts the exposure automatically. However, you may want to increase the exposure manually if you're taking a picture facing into the sun or when you have a very bright background. Similarly, you may want to decrease the exposure setting if you're taking a picture against a dark background.

1. Turn the Mode dial to M manual or continuous shooting mode.
2. Press the **MENU** button. The Photography Menu is displayed.
3. Select **Exp Comp** by moving the joystick to ▲ or ▼, then move it to ▶.
   The exposure adjustment range is from –2.0 to +2.0 Exposure Value (EV). There are 9 steps of 0.5 EV each. You can confirm the setting on the LCD screen.
4. Select the adjustment value by moving the joystick to ▲ or ▼, then press the **OK** button.
5. Press the **MENU** button to exit the menu.

Recording Videos

You can record videos with sound. The length of the video is limited only by the amount of storage available in your camera or memory card.

1. Turn the Mode dial to video mode.
2. Press the **MENU** button. The Movie Menu is displayed.
3. To select the **Resolution** setting, move the joystick to ▶.
4. Select the desired resolution by moving the joystick to ▲ or ▼, then press the **OK** button.
   Note:
   Lower resolution settings (320 × 240 or 160 × 120) let you take longer videos, but they play in a smaller window if you view them on your computer.
5. Select the **Quality** setting by moving the joystick to ▼, then move it to ▶.
6. Select the desired quality by moving the joystick to ▲ or ▼, then press the **OK** button.
7. Press the **MENU** button to exit the menu.
8. To zoom in on your subject, press the **T** (telephoto) or **W** (wide-angle) button.
   (If you turned on digital zoom, you can zoom in or out digitally while recording. See "Adjusting Camera Settings" on page 46 for instructions on turning on digital zoom.)
9. Press the shutter button all the way down to start recording.
10. Press the shutter button again to stop recording.

Maximum Available Video Shooting Time

Resolution	Quality	Maximum shooting time in seconds (approx.)	
		With a 16MB SD memory card	With a 256MB SD memory card
640 × 480	Fine	3	100
	Normal	10	270
320 × 240	Fine	9	200
	Normal	20	390
160 × 120	Fine	40	780
	Normal	80	1500

* Values may differ for SD memory cards from various manufacturers.

Enabling the Quick View and Sound Memo Features

The Quick View feature displays your picture for a few seconds after you take it. This lets you verify that you have captured the shot you want. With the Sound Memo feature enabled, you can also record a message up to 30 seconds long for each picture. You can turn on both features at the same time.

To turn on the Quick View and Sound Memo features:

1. Turn the Mode dial to **SETUP** mode.
2. Move the joystick to ▼ to select **Qk View/Sd Memo**, then move it to ▶.
3. Move the joystick to ▼ to select **ON**, then press the **OK** button to turn on the Quick View feature.
4. Move the joystick to ▶ to select **Qk View/Sd Memo** again.
5. Move the joystick to ▼ to select **Sound Memo ON**, then press the **OK** button.

Recording a sound memo

You can record a sound memo up to 30 seconds long while a photo is displayed in quick view. First turn on the Sound Memo feature, as described above.

1. While the photo is displayed on the LCD screen, press the **OK** button to start recording.
2. When you are finished recording, press the **OK** button to stop recording.

Note:

You can play sound memos in playback mode. When you play back a photo that has a sound memo, the 🔊 *icon appears on the screen. Press the* **OK** *button to play the sound.*

Adjusting Camera Settings

In setup mode, you can change settings such as Quick View, LCD Brightness, and Auto Power Off. Three Setup menus are available: two for general features and one for adjusting camera "beep" sounds.

1. Turn the Mode dial to **SETUP** mode.
2. Move the joystick to ◀ or ▶ to move between Setup Menu 1, Setup Menu 2, and the Sound Menu. (Make sure the menu bar at the top of the screen is highlighted.)
3. Move the joystick to ▲ or ▼ to select the setting you want to change, then move it to ▶.
4. Select the desired setting item by moving the joystick to ▲ or ▼, then press the **OK** button. The setting is changed.

Note:
Pressing the **MENU** *button returns the display to the previous screen.*

SETUP Mode Settings

Setup Menu 1

Setting items	Description	Default
Qk View/Sd Memo	Enable the quick view and sound memo features. When Qk View is ON, your photo is displayed for 3 seconds after it is captured. When Sd Memo is ON, you can also record a sound memo while the image is displayed.	OFF
LCD Brightness	Set the brightness level of the LCD screen.	—
Digital Zoom	Enable digital zoom.	OFF
Auto Power Off	Set the time until the camera turns off automatically if you touch no buttons or dials. (Not applicable when the camera is transferring photos to a computer or printer, or during a slide show.)	3 min.
Startup Screen	Select an image to display when you first turn on the camera.	EPSON Logo
Format	Format the camera's memory card.	—
Reset All	Reset all the camera's settings to their defaults.	—

Setup Menu 2

Setting items	Description	Default
Date/Time	Set the date and time.	—
File No. Reset	Reset the sequence of the image file numbers to 0001 when replacing or formatting the memory card.	OFF
Language	Set the language for the LCD screen display.	English

Sound Menu

Setting items	Description	Default
Sound	Enable or disable the "beep" sound whenever you press a button. You can also turn off or select minimum or maximum beep volume for each operation listed below.l	ON
Operation	Select the sound when the buttons are pressed.	Beep Max
Shutter	Select the shutter sound.	
Cont Shoot	Select the sound during continuous shooting.	
Focus Lock	Select the sound when the focus is locked.	
Self-Timer	Select the sound while the self-timer is set.	

Chapter 3

Viewing and Managing Your Photos

The LCD screen lets you play back your photos individually or as a slide show. You can also view videos, select photos for printing, delete photos, and copy photos to your computer.

Viewing Photos

While you view your photos on the LCD screen, you can zoom in or out of photos, display up to 12 photos at once, or rotate your photos.

1. Turn the Mode dial to ▷ playback mode. The last photo you took is displayed.
   - ❏ To view the next photo, move the joystick to ▶. Hold the joystick at ▶ to fast forward.
   - ❏ To zoom in on a photo, press the 🔍 **T** button. To pan over to another part of the image, move the joystick to ▲, ▼, ◀, or ▶. Press the ▪ **W** or **OK** button to zoom out.
2. To view up to 12 photos at once, press the ▪ **W** button.
   - ❏ To select a photo, move the joystick to ▲, ▼, ◀, or ▶.
   - ❏ To view the selected photo on the full screen, press the 🔍 **T** button.
3. To rotate your photos, press the **MENU** button.
   - ❏ Move the joystick to ▼ to select **Rotate**, then move it to ▶.

- ❏ At the rotation screen, move the joystick to ▲ to rotate your photo 90 degrees clockwise or move it to ▼ to rotate your photo 90 degrees counter-clockwise.
- ❏ Press the **OK** button to set the rotation, then press the **MENU** button to close the menu.

Viewing a Slide Show of Your Photos

You can use the playback menus to view a continuous slide show of your photos.

1. Turn the Mode dial to ▷ playback mode.
2. Press the **MENU** button. Playback Menu 1 is displayed.
3. Select **Slide Show** by moving the joystick to ▲ or ▼, then press the **OK** button.
   - ❏ To pause the slide show, press the **OK** button. Press the **OK** button again to resume.
   - ❏ To skip to the next photo, move the joystick to ▶.
   - ❏ To stop the slide show, move the joystick to ◀.

Playing Videos

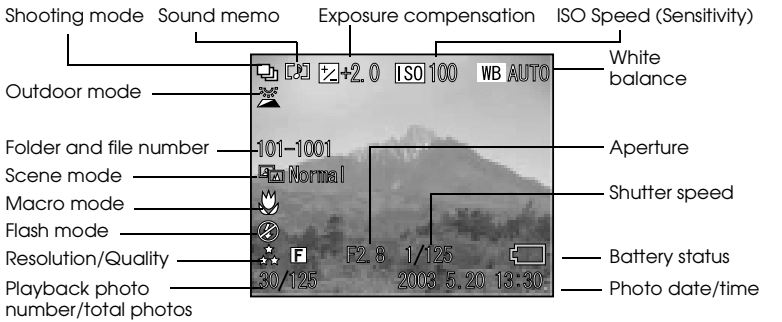
1. Turn the Mode dial to ▷ playback mode.
2. Select the video you want to play. (The icon appears on video images.)
3. Press the **OK** button. The video starts playing.
   - ❏ To pause the video, press the **OK** button. To restart the video, press the **OK** button again.
   - ❏ To adjust the volume (there are 4 levels), move the joystick to ▲ or ▼.
   - ❏ To stop the video, move the joystick to ◀.

Viewing Photo Information

You can display basic or detailed information about a photo on the LCD screen, or turn off display of photo information.

1. Turn the Mode dial to ▷ playback mode.
2. Press the **MENU** button. You see the Playback 1 Menu.
3. Move the joystick to ▼ to select **Info Disp** (Information Display), then move it to ▶.
4. Move the joystick to ▲ or ▼ to select **Basic Info**, **Detailed Info**, or **Off**, then press the **OK** button.
5. Press the **MENU** button to exit the Playback menus.

If you select **Detailed Info**, you see the following information, if applicable to your photo:



Selecting Photos for Printing

You can use the Digital Print Order Format (DPOF) standard to select photos for printing. This format allows you to record information on the memory card including which images to print and how many copies you want for each photo.

1. Turn the Mode dial to ▷ playback mode.
2. Press the **MENU** button. If a Playback Menu 1 item is highlighted, move the joystick to ▲ to go to the menu bar at the top.
3. Move the joystick to ▶ to display Playback Menu 2.
4. Move the joystick to ▼ to select **Make a Print Order**, then press the **OK** button.
5. For each photo that you want to print, select the photo, then move the joystick to ▲ to select the number of copies.
6. Press the **OK** button. The DPOF information is saved and the screen returns to Playback Menu 2.
7. Press the **MENU** button to exit the menu.

Note:

You can also select images for printing using the (🖶) button. For instructions, see Chapter 5, "Using Direct Print."

Deleting Photos

You can easily delete a photo displayed on the LCD screen. Playback Menu 1 also lets you delete a group of continuous photos or all the photos on a memory card.

Caution:

Once a photo has been deleted, it can't be restored. You should transfer to your computer any photos you want to keep before you delete them from the camera.

Deleting photos individually

1. Turn the Mode dial to ▷ playback mode.
2. To delete the currently displayed photo, move the joystick to ▼ 🗑.
3. Select **OK** by moving the joystick to ▲, then press the **OK** button. The photo is deleted.
4. To delete another photo, move the joystick to ◀ or ▶ to select the photo and repeat step 3.

Deleting all photos

You can delete all photos stored in the camera.

1. Turn the Mode dial to ▷ playback mode.
2. To delete all the photos, press the **MENU** button. Playback Menu 1 is displayed.
3. Select **Delete All** by moving the joystick to ▼, and then to ▶.
4. Select **OK** by moving the joystick to ▲, then press the **OK** button. All the photos are deleted.
5. Press the **MENU** button to exit the menu.

Deleting a group of continuous photos

You can delete a group of photos taken in continuous shooting mode. You can also retain one or more of the individual photos in the group.

1. Turn the Mode dial to ▷ playback mode.
2. Move the joystick to ◀ or ▶ to display one of a group of continuous photos.
3. Press the **MENU** button. Playback Menu 1 is displayed.
4. Select **Delete Group** by moving the joystick to ▼, and then to ▶. The continuous photo deletion screen appears.
5. To delete the entire group of continuous photos, press the **OK** button.
6. To retain a continuous photo in the group, move the joystick to ◀ or ▶ to display the photo. Then move it to ▼ to remove the trash icon from the screen. Repeat this step to retain more photos.
7. When you're ready to delete the rest of the continuous photo group, press the **OK** button.
8. Move the joystick to ▲ to select **OK**, then press the **OK** button. The photos are deleted.
9. Press the **MENU** button to exit the menu.

Copying Photos to Your Computer

You can transfer photos to your computer using the PC cable included with the camera. You can also remove the memory card from the camera and copy photos using a card reader.

Caution:

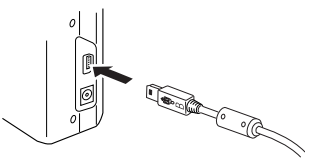
Make sure the camera's power is turned off before you connect it to your computer.

Note:

- ❏ *You can conserve battery power by using the optional AC adapter while the camera is connected to your computer. See page 25 for instructions.*
- ❏ *If your computer uses Windows® 98SE, you need to install driver software before you connect the camera. For instructions on installing the software, see the* Camera Basics *book.*

To transfer photos using the PC cable:

1. Turn off the camera.
2. Locate the PC USB cable that came with the camera.
3. Connect the large end of the cable to any available USB port on your computer.
4. Open the connector cover on the side of the camera and connect the small end of the cable to the camera.
5. Turn on the camera. The front light on the camera flashes.
6. Select the **EPSON_DSC** drive on your computer. In Windows, you may have to use My Computer to select the drive.



7. Copy the photos from the **DCIM** folder to your computer.
8. Turn off the camera and disconnect the cable.

Note:

If you copy PIF images to your computer, the link between the photos and the frames will be broken. PIF frames can only be printed directly from the camera or directly from the memory card inserted into supported Epson printers.

Resetting the File Numbers

Your camera automatically numbers photos in the order they were taken. When you replace or reformat your memory card, you may want to reset the photo file numbers so any new photos will begin numbering at 0001.

1. Turn the Mode dial to **SETUP** mode.
2. Move the joystick to ◀ or ▶ to move to Setup Menu 2. (Make sure the menu bar at the top of the screen is highlighted.)
3. Move the joystick to ▲ or ▼ to select **File No. Reset**, then move it to ▶.
4. Move the joystick to ▲ or ▼ to select **On**, then press the **OK** button. The file numbers are reset.

Chapter 4

Using PRINT Image Framer (P.I.F.)

PRINT Image Framer (P.I.F.) lets you combine your photos with fun frames to create original greeting cards and keepsakes. Four frames are already stored in your camera, and over 100 additional frames are available on the CD that came with the camera. You can use the PRINT Image Framer Tool to copy the frames from the CD to your camera.

You can also modify the frames or create original frames using PIF Designer. First, you need to install PIF Designer, PRINT Image Framer Tool, and the P.I.F. frames on your computer. See your *Camera Basics* book for instructions.

Taking Photos With Frames

You can use PRINT Image Framer to take pictures with a variety of frames for holidays and special occasions. You can then print your framed pictures directly from the camera to supported Epson printers. For instructions, see "Using Direct Print" on page 61. (You cannot print photos with P.I.F. frames from your computer.)

Note:

If you have the Epson Stylus Photo RX500, you can print photos taken with P.I.F. frames by removing the camera's memory card, inserting it into the correct RX500 memory card slot, and printing using the RX500 control panel buttons. See page 61 and *the RX500 documentation for instructions.*

In P.I.F. mode, you use frames that you have previously loaded into the camera. You can select the frame before you take the picture, or add it to a picture saved in your camera before you print.

To take a picture with a frame:

1. Turn the Mode dial to automatic, manual, or continuous shooting mode.
2. Press the **P.I.F.** button. The first frame stored in the camera is displayed.
   If you want to select a frame stored on the memory card, move the joystick to ▶ after pressing the **P.I.F.** button.
3. Select the desired frame by moving the joystick to ▲ or ▼, then press the **OK** button.
   Note:
   Most frames are available in both horizontal and vertical designs. Make sure you choose the right orientation for the picture you want to take.
4. The selected frame is displayed on the LCD screen. You can now take the picture and center it in the frame. (See Chapter 2, "Taking Photos and Videos," for instructions.)

Adding, Changing, or Removing Frames

You can change or remove a frame after you take a photo in P.I.F. mode. You can also add a frame to a photo that was taken without a frame.

1. Turn the Mode dial to ▷ playback mode.
2. Select the photo on which you want to add, change, or remove a frame by moving the joystick to ◀ or ▶.
3. Press the P.I.F. **P.I.F.** button. You see your photo displayed with the first frame stored in the camera or on your memory card.

   (To switch between frames stored in your camera or on the memory card, move the joystick to ◀ or ▶.)
4. Select the frame you want by moving the joystick to ▲ or ▼, then press the **OK** button.

   To delete the frame from the photo, select the **No Frame** option and press the **OK** button.

Deleting and Copying Frames

You can delete frames stored in the camera's memory or on the memory card. You can also copy frames from the camera to the memory card, or from the card to the camera.

1. Press the P.I.F. **P.I.F.** button.
2. Select the frame location by moving the joystick to ◀ or ▶ to select **On Memory Card** or **In Camera**.
3. Select the frame to copy or delete by moving the joystick to ▲ or ▼, then press the **MENU** button.
   Note:
   To cancel the operation, press the P.I.F. P.I.F. button.
4. Select **Delete**, **Copy to Camera**, or **Copy to Card** by moving the joystick to ▲ or ▼. Then press the **OK** button.
5. To confirm your choice, select **OK** by moving the joystick to ▲ or ▼, then press the **OK** button. The selected frame is deleted or copied.
6. Press the P.I.F. **P.I.F.** button to exit PRINT Image Framer.

Chapter 5

Using Direct Print

You can print your photos directly from the camera to supported Epson printers using Epson Premium Glossy Photo Paper, Premium Semigloss Photo Paper, or PictureMate Photo Paper (with PictureMate only) in 4 × 6 inch, A4, or Letter sizes, if available.

You can include the date the photo was taken, print with or without borders, or print an "album" of several photos on one sheet of paper. You can also print photos with P.I.F. frames to create greeting cards, keepsakes, and more. (You cannot print photos with P.I.F. frames from your computer.)

These printers are supported for direct printing from the camera:

- ❏ Epson Stylus Photo R300
- ❏ Epson Stylus Photo RX600
- ❏ PictureMate

If you have the Epson Stylus Photo RX500, you can print photos taken with P.I.F. frames by removing the camera's memory card, inserting it into the correct RX500 memory card slot, and printing using the RX500 control panel buttons. See the RX500 documentation for instructions.

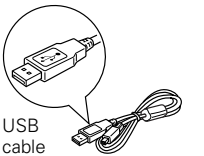
Note:
Future products may be added to the list of supported printers. Check the Epson web site at www.epson.com for more information.

Connecting the Camera to Your Printer

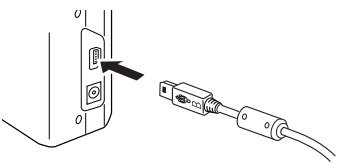
Use the USB Type A cable that comes with your camera to connect it to your printer.

Make sure the camera is turned off before you begin.

You can conserve battery power by using the optional AC adapter when you print from the camera. See page 25 for instructions.



1. Connect the large end of the USB cable to the correct **EXT I/F** port on your printer.
2. Open the connector cover on the side of the camera and plug the small end of the cable into the camera's USB port as shown.



3. Turn on the camera.

Printing Photos

You can print all the photos in the camera or select the ones you want to print. Images with P.I.F. frames must be printed directly from the camera on a supported Epson printer; see page 61 for a list of supported printers.

Before you start, make sure your printer is set up and has ink installed. Load Premium Glossy Photo Paper, Premium Semigloss Photo Paper, or PictureMate Photo Paper (with PictureMate only) in 4 × 6 inch, A4, or Letter size, if available. Follow your printer instructions.

Printing the Photo Displayed on the Screen

1. Connect the camera to the printer as described on page 62 and turn on the camera.
2. Turn the Mode dial to ▷ playback.
3. Press the 🖶 print button. The print menu is displayed.
4. Select the photo you want to print by moving the joystick to ◀ or ▶.
5. Press the **OK** button to select **Displayed Image**.
6. If you want to print just one copy, go to step 7.
   To print more than one copy, press the **OK** button and move the joystick to ▲ to select the number of copies you want. Then press **OK**.
7. Move the joystick to ▼ to select **Print Setting**, then press **OK**.
8. Move the joystick to ▶ to select **Paper Type**.
9. Move the joystick to ▼ to select the size of paper you loaded and press the **OK** button.

To print with white borders, turn off the date stamp, or change other settings, see page 67.

10. Press the **MENU** button to return to the Print screen.
11. Press the print button to start printing. When printing is complete, press the **OK** button.

Note:

The LCD screen goes dark after a moment. Press any camera button to turn it back on. If you need to cancel printing, press the **MENU** *button.*

Printing All Your Saved Photos

You can print all photos stored on the camera.

1. Connect the camera to the printer as described on page 62 and turn on the camera.
2. Turn the Mode dial to playback, then press the print button.
3. Select **All Images** by moving the joystick to ▲ or ▼, then press the **OK** button.
4. If you want to print just one copy, go to step 5.
   To print more than one copy of each picture, press the **OK** button and move the joystick to ▲ to select the number of copies you want. Then press **OK**.
5. Move the joystick to ▼ to select **Print Setting**, then press **OK**.
6. Move the joystick to ▶ to select **Paper Type**.
7. Move the joystick to ▼ to select the size of paper you loaded in the printer and press **OK.**
   To print with white borders, turn off the date stamp, or change other settings, see page 67.
8. Press the **MENU** button to return to the Print screen.
9. Press the print button to start printing. When printing is complete, press the **OK** button.

Printing Selected Photos

You can select individual photos to print.

1. Connect the camera to the printer as described on page 62 and turn on the camera.
2. Turn the Mode dial to ▷ playback, then press the ⎙ print button.
3. Choose **Select Images** by moving the joystick to ▼, then press the **OK** button.
4. Select the photos to print by moving the joystick to ◀ or ▶, then select the number of copies by moving the joystick to ▲ or ▼.
5. Press the ⎙ print button.
6. Move the joystick to ▼ to select **Print Setting**, then press **OK**.
7. Press the **OK** button or move the joystick to ▶ to select **Paper Type**.
8. Move the joystick to ▲ or ▼ to select the size of paper you loaded in the printer and press **OK.** To print with white borders, turn off the date stamp, or change other settings, see page 67.
9. Press the **MENU** button to return to the Print screen.
10. Press the ⎙ print button to start printing. When printing is complete, press the **OK** button.

Printing Several Photos on One Sheet

You can print up to 13 photos on one sheet of paper. You can set up a print order in advance or move to the first photo in a sequence and print it along with subsequent photos.

1. Connect the camera to the printer as described on page 62 and turn on the camera.
2. Turn the Mode dial to ▷ playback.
3. To select a print order in advance, see page 52.
   To select a sequence of photos, move the joystick to ◀ or ▶ to display the first photo in the sequence.
4. Press the ⎙ print button. The print menu is displayed.
5. Select **Print an Album** by moving the joystick to ▼.
6. Select the number of photos per page by moving the joystick to ◀ or ▶, then press the **OK** button.
7. To change any print settings, see page 67. (You can't change the Border/BorderFree setting if you selected a print order in advance, as described on page 52.)
8. Press the ⎙ print button to start printing. When printing is complete, press the **OK** button.

Note:

You can't print images with P.I.F. frames or the date when you select **Print an Album**.

Making Print Settings

You can make the following settings when printing images directly from the camera:

- ❏ Paper size selection
- ❏ Printing with or without white borders
- ❏ Printing the date (not available with frames)
- ❏ Printing with normal or high quality

Note:

Once you change the paper size setting, the camera retains it. 10 ×15 cm paper is not available in the U.S.

1. After selecting the photos you want to print (see page 63 through page 66), select **Print Settings** by moving the joystick to ▼, then press the **OK** button.
2. Select the item you want to change by moving the joystick to ▼, then press the **OK** button.
3. Select the setting by moving the joystick to ▲ or ▼, then press the **OK** button.
4. Press the **MENU** button to return to the print screen and print.

Chapter 6

Maintenance and Troubleshooting

Maintenance

To keep your camera operating at its best, you should clean it thoroughly several times a year. Before you perform any maintenance on the camera, be sure to read the “Safety Instructions” on page 7. Then follow these guidelines.

Cleaning your camera

Caution:

Do not use volatile chemicals such as alcohol, paint thinner, or benzine. They will damage the camera exterior and battery compartment.

Camera exterior

Wipe the outside of the camera with a soft dry cloth. If it is very dirty, use a cloth dampened with a natural detergent. Wipe again with a soft dry cloth.

Lens and LCD screen

To clean the lens, make sure that the camera is turned off, then blow off any loose dust or dirt or use a lens and camera cleaning brush. Breathe on the lens and wipe off all moisture with a soft dry cloth.

Clean the LCD screen with a soft dry cloth.

Battery terminals

Do not use volatile chemicals such as alcohol, paint thinner, or benzine. They will damage the battery compartment.

Storing your camera

Store the camera in a cool, dry location and remove the batteries to prevent corrosion or leaks if you will not be using the camera for a long period of time.

Problems and Solutions

Camera problems

The camera has no power	
Cause	**What to do**
Is the battery installed correctly? Does it need to be recharged or replaced?	Check the battery, and recharge or replace it if necessary. See "Charging the Battery" on page 17 or "Replacing the Battery" on page 18 for details.
Is the camera turned on?	The camera may have shut off automatically to save battery power. Press the **POWER** button to turn on the camera.
Is the mode dial turned completely to a mode?	Turn the mode dial to exactly the mode you want and press the **POWER** button.
The camera does not take a photo after you press the shutter button	
Cause	**What to do**
Is the power switched on?	See "The camera has no power," above, and check the camera.

Is the Mode dial set to the correct mode?	See Chapter 2, "Taking Photos and Videos."
Is the photo image number on the LCD screen 0?	This means the memory card is full. Transfer the photos to a computer, then delete them from the camera to free up space. See "Deleting Photos" on page 53 for details.
Is the battery/memory card cover open?	Close the battery/memory card cover and try pressing the shutter button again.
Do you have a memory card correctly installed?	Make sure your memory card is correctly installed in the camera or it can't store any photos you take.

The camera does not react when you press any buttons

Cause	What to do
Is the camera light flashing?	Turn the power off, and then turn it on again. If the power does not turn off, remove the battery, reinstall it, and turn the power on. Also make sure the memory card is installed correctly. If the light is still flashing, contact Epson as described on page 80.

The power turns off automatically	
Cause	**What to do**
Have you not touched the camera controls for a while?	Press the **POWER** button to turn the camera back on.

The camera takes too long to take a photo	
Cause	**What to do**
Did you press the shutter button completely with one push?	Press the shutter button halfway and hold it to set the focus, then press it the rest of the way down to take a photo. If you press the shutter button all the way, it takes time to focus and set the exposure before the shutter releases. It may take longer than when pressing the shutter button in two steps.

The flash does not work	
Cause	**What to do**
Is the flash setting correct?	When (flash off) is selected as the flash setting, the flash will not go off. See page 29 for details. Also make sure you didn't cover the flash with your finger when taking your photo.

The LCD screen is hard to see	
Cause	**What to do**
Is the LCD screen brightness level set to too bright?	Adjust the LCD Brightness setting in the Setup Menu. See "Adjusting Camera Settings" on page 46 for details.
Are you shooting photos outdoors in bright light?	Move the joystick to ⛰/▲ to turn on Outdoor mode and make the LCD screen easier to see in bright light.
The LCD screen displays vertical lines	
Cause	**What to do**
Did you point the camera toward a bright light?	When you use the LCD screen to take photos, very bright light may affect the sensor and cause lines to appear on the screen. They will not appear in your photos or videos.
Nothing appears on the LCD screen	
Cause	**What to do**
Have you not touched the camera controls for a while?	Press the **POWER** button to turn the camera back on.

Is the mode dial turned completely to a mode?	Turn the mode dial to exactly the mode you want and press the **POWER** button.
Is the camera connected to a computer?	When the camera is connected to a computer, the LCD screen is disabled.
Is the camera connected to a printer for direct printing?	Try pressing a button. The printing progress is displayed on the LCD screen. After a moment, the display disappears again.

Image problems

Images are out of focus	
Cause	**What to do**
Did you operate the auto-focus correctly?	Place the subject in the center of the focus area and press the shutter button halfway. You see a green focus frame. See “Taking Photos” on page 27 for details.
Is the camera in the right distance mode setting?	Make sure you are at least 20 inches away from your subject (or 2 inches in Macro mode).
Is the lens dirty?	See “Cleaning your camera” on page 68 and clean the lens.

Is the captured image blurred?	Hold the camera in the proper position when shooting, with your arm close to your body. Use a tripod for night scenes and other low light situations.

The image is too dark or to bright (underexposed/overexposed)

Cause	What to do
Is the flash setting correct?	Turn on the flash as described on page 29. Make sure you are the right distance from your subject: between 2.3 and 17.1 feet (in wide-angle mode) and 1.6 to 9.9 feet (in telephoto mode).
Is the exposure set to too dark or bright?	Adjust the exposure compensation setting properly. See “Setting the Exposure Compensation” on page 42 for details.
Is the light sensitivity set to too low or high?	Adjust the light sensitivity setting properly. See “Setting the Light Sensitivity” on page 41 for details.

Part of the image is missing

Cause	What to do
Was your finger covering the lens?	Make sure your fingers, a strap, or a piece of clothing isn’t covering the lens.

Printing problems

Your photo won't print	
Cause	**What to do**
Is there enough space on your memory card to prepare your image for printing?	During printing, your camera temporarily writes data to your memory card. If the card doesn't have enough room for one or two more photos, you can't print. Delete one or more photos that you don't want and try again.
A red line appears, colors don't look right, or your images don't look as good as they used to	
Cause	**What to do**
Is the print head clogged?	See your printer manual for instructions on checking for print head clogs and cleaning the print head if necessary.
Are you using the right paper?	Make sure you loaded Epson Premium Glossy Photo Paper, Epson Semigloss Photo Paper, or PictureMate Photo Paper (for PictureMate only) in your printer.

The wrong date and/or time is displayed on your camera	
Cause	**What to do**
Is the date and time setting set correctly?	See page 46 and set the date and time correctly.

List of Error Messages

Error message	Description
This memory card is write-protected.	The memory card is locked. Release the write-protect lever on the side of the card.
Memory card error. Check the memory card.	Unspecified memory card problem. See "Installing and Removing Memory Cards" on page 20 to remove the memory card. Copy your photos to a computer, if possible, and reformat the card (see page 46). If the card doesn't work, contact the card manufacturer.
No memory card inserted.	Insert a memory card all the way into the slot, as described on page 20.
Not enough free space on the memory card.	Make room on the memory card by deleting photos (see page 53) or download them to your computer (see page 55) and then reformat the card (see page 46).

Error message	Description
This frame cannot be used with this camera.	The file size of the frame exceeds the camera's limit. Copy a smaller frame to the camera or card. See "Deleting and Copying Frames" on page 60 for details.
The maximum number of Frames that can be registered to the memory card has been reached.	See "Deleting and Copying Frames" on page 60 to delete unnecessary frames.
No images.	There are no images saved in the camera's memory or on the memory card.
This image cannot be displayed.	The image file exists but can't be displayed. Images that were taken with another camera or saved on your computer may not display on your camera.
This file cannot be deleted because it is locked or form some other reason	Release the write-protect switch on the side of the memory card.
Printer error.	Turn the printer off for a few seconds then turn it back on. If the error message still appears, turn the printer off and check to see if packing materials r paper is stuck inside. Then turn the printer back on.
This image cannot be printed.	Images taken with another camera or saved on your computer may not print. Try printing from your computer.

Error message	Description
Could not print. Retry?	If the printer is in the middle of printing something, it may not be able to accept the next request. Restart the printer or wait until the current print run is finished and then try again.
A communication error has occurred.	Either the cable has been disconnected or the power has been turned off. Recheck that the cable is connected, turn the power back on and try again.
XX images could not be printed.	Images taken with another camera or saved on your computer may not print. Try printing from your computer.
Cannot print because the necessary Frame file does not exist or is unusable.	The photo cannot be printed because there is no frame file or the link to it has broken. Replace or add a frame linked to this file as described on page 59.

Where To Get Help

Epson provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed below.

Service	Access
World Wide Web	From the Internet, you can reach Epson Support at **http://support.epson.com**. At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call **(800) 922-8911**. Your Epson SoundAdvice℠ Express Code is **70590**. Use this code to quickly select the Epson L-500V in SoundAdvice.

To speak to a technical support representative, dial:

- U.S.: **(562) 276-4303**, 6 AM to 6 PM, Pacific Time, Monday through Friday.
- Canada: **(905) 709-3839**, 6 AM to 6 PM, Pacific Time, Monday through Friday.

Toll or long distance charges may apply.

Please have the following information ready:

- ❏ Product name (Epson L-500V)
- ❏ Product serial number (located on the bottom of the camera)
- ❏ Proof of purchase (such as a store receipt) and date of purchase
- ❏ Computer configuration and operating system version
- ❏ Description of the problem

You can purchase ink cartridges, paper, manuals, and accessories from the Epson Store℠ at (800) 873-7766 or visit www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Appendix A

Specifications

Camera

Effective pixels	5.0 megapixels
Image recording capacity	Still picture: 2560 × 1920 pixels Video: 640 × 480 pixels
Image file type	JPEG (EXIF 2.2), PRINT Image Matching II, AVI
Camera file system	DCF file format, DPOF 1.1
Internal memory	4MB (for storage of four P.I.F. frames)
Compatible memory cards	SD card: 16MB card included (can install a card up to 1GB) Multimedia card: Up to 1GB (MMC ver 2.1 or later, Hitachi® or SanDisk® recommended)

Lens	Focal length:	f=5.6 to 16.8 mm (equivalent to a 34 to 102 mm lens on a 35 mm camera)
	Aperture:	F2.8 to F4.9
	Zoom:	Collapsible mount 3× zoom
Digital zoom	4× zoom (maximum 12× zoom with simultaneous use of the 3× optical zoom)	
Focus mode	Auto focus	
Auto-focus range	Normal:	19.7 inches to infinity
	Macro:	1.97 to 19.69 inches
Shutter speed	Auto/Fill-in:	1/30 to 1/2000 second
	Flash off:	1/2 to 1/2000 second
	Slow synchro:	1 to 1/2000 second
White balance	TTL auto white balance (auto/daylight/cloudy/incandescent/fluorescent/mercury)	
Sensitivity	Auto (equivalent to ISO 50-20) Fixed (equivalent to ISO 100/200/400)	
Flash	Auto/flash off/red-eye reduction/fill-in flash/slow synchro	
Self-timer	2 seconds/10 seconds	
Photography modes	Normal/portrait/landscape/night view/night portrait	

LCD monitor	Epson Photo Fine LCD; 2.5-inch low temperature polysilicon TFT color
USB interface	High-speed/Full Speed (Mass Storage Class)
Power sources	One lithium ion battery and charger included
External power source	Optional AC adapter (B867062)
Dimensions	2.5 × 3.6 × 1.3 inches (63 × 92 × 32 mm) (height × width × depth)
Weight	Approx. 0.36 lb (165 g), excluding the battery and memory card
Temperature	Operating: 41 to 95 °F (5 to 35 °C) Storage: –4 to 140 °F (–20 to 60 °C)
Input voltage	DC 3.4 V

Battery Charger

Model:	2090821-00
Input voltage:	AC 100 - 120 V, 50/60 hZ
Charging method:	Constant voltage and constant current
Charging display	Charging: lights red Charging complete: lights green

Battery

Model:	B32B818242
Type:	Lithium ion rechargeable
Output voltage:	DC 3.7 V
Capacity:	1230 mAh

Optional AC adapter

Model:	B867062
Input:	AC 100 - 240 V
Output:	DC 3.4 V, 2.5 A
Power consumption:	14 W

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